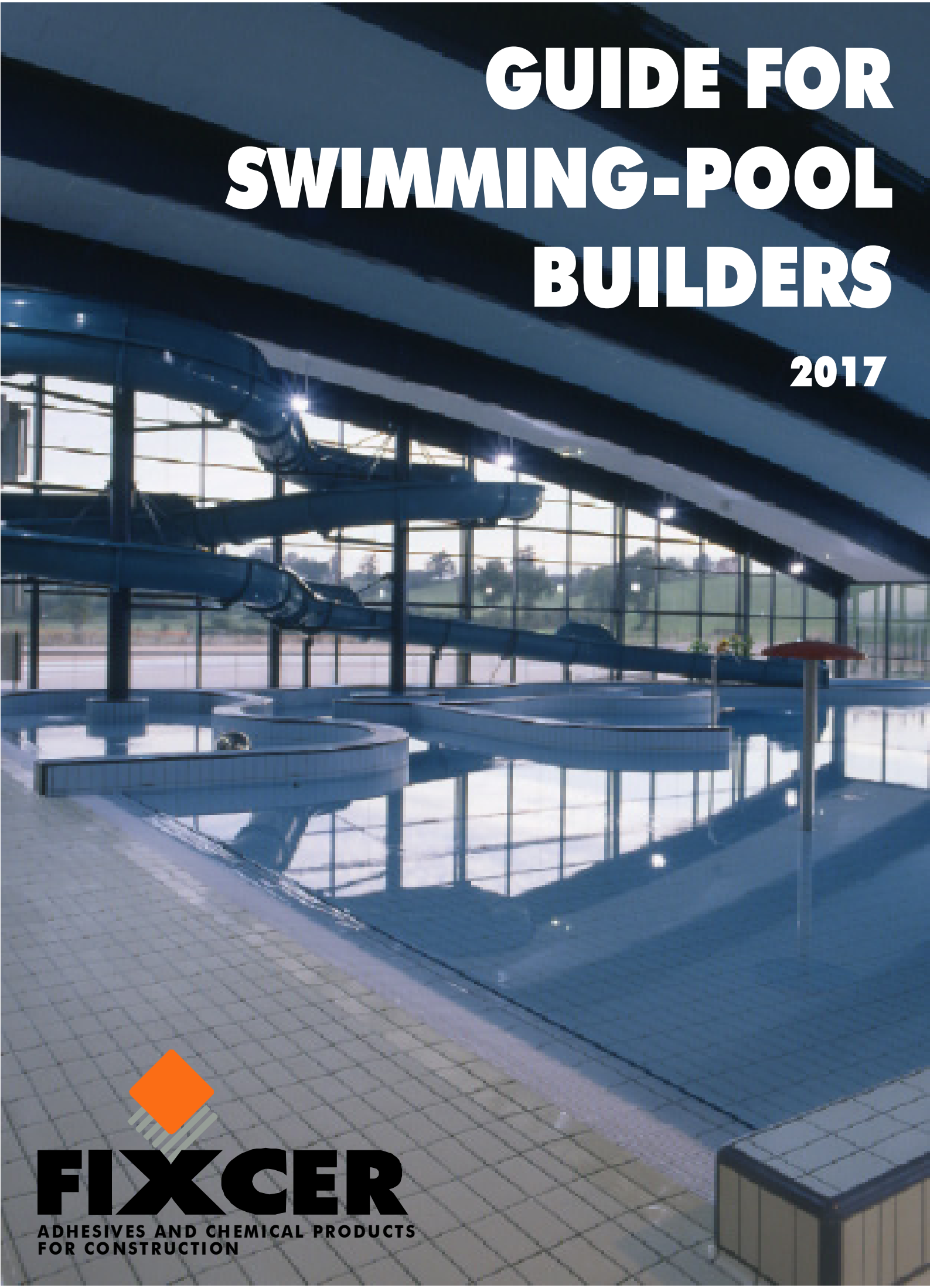
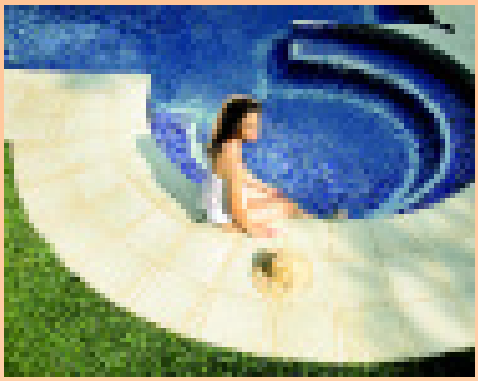
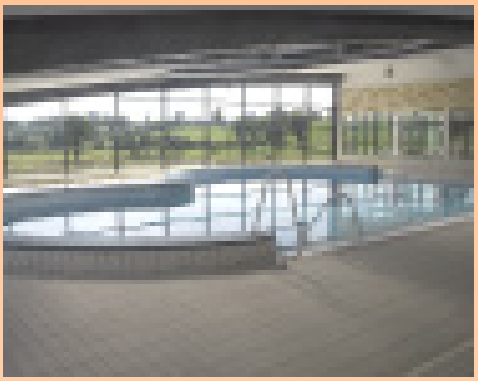
GUIDE FOR SWIMMING-POOL BUILDERS

2017



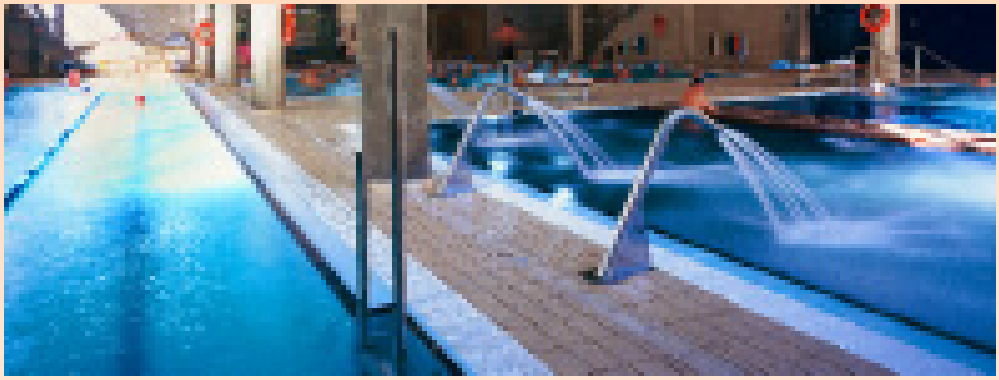
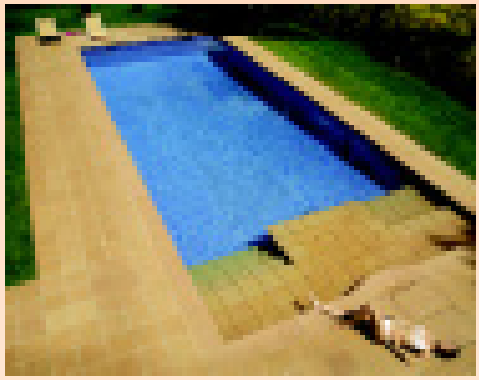
FIXCER

ADHESIVES AND CHEMICAL PRODUCTS
FOR CONSTRUCTION

FIXCER

ADHESIVES AND CHEMICAL PRODUCTS FOR CONSTRUCTION

PRESENTATION:

PAGE

Public swimming pool: how to do it properly: 4

Constructing a new swimming pool is neither everyday nor simple. Large building firms have real problems when faced with the challenge of constructing a pool. The constant presence of water is a stiff test for the construction materials.
In this section, we help you to construct a safe and durable public swimming pool, step by step.

Private swimming pool: how to avoid PROBLEMS: 6

Private swimming pools are normally smaller than public ones, but that does not make them any easier to construct. The difficulty is still the same: waterproofing, durability, appearance etc...
In this section, we offer you various alternatives for making a top-quality private pool.

Repairing pools with water leaks WITHOUT REMOVING the old tiles: 8

This section is a great innovation in the market: it is possible to re-waterproof a pool with problems of water leaks WITHOUT HAVING TO REMOVE the existing tiles.
Thanks to the exceptional technical characteristics of our new cementitious adhesives, the pool can be remade quickly and at very low cost.

Maintenance products: 10

When the winter period is over, the pool needs to be reconditioned. The first step is to clean the interior with strong acids. Then the attractive appearance of the coping stone must be recovered using a special product: an alkaline cleaner very strong against mould, but harmless to the natural stone.

PUBLIC SWIMMING-POOL: how to do it PROPERLY

CONSTRUCTING A NEW PUBLIC SWIMMING-POOL		photo
1st STEP: how to avoid **future leaks** in the wall-plinth joins:	**FUGA-STOP 25x20mm**	1
2nd STEP: how to bond **new** concrete with **dried** concrete:	**BOND COAT**	2
3rd STEP: how to avoid **leaks** in the **PVC wall-conduit**:	**SELLADOR S10**	3-4
4th STEP: how to **render** the **walls**:	**FIX-REVOCO**	5
5th STEP: how to construct the **plinth** of the pool's structure:		
1- apply a **Portland bonding**	**PRIMFIX** +paste	6
2- apply the **mortar:**	**RECRECEM PRE-MIX**	7
6th STEP: how to **waterproof** the pool's structure:	**HIDROELASTIC**	8-9
7th STEP: carrying out the **WATERPROOF TEST**: fill the pool with water for three weeks and repair all the possible fissures that appear:		10
8th STEP: how to **lay** tiles on the HIDROFIX **waterproofing**:	**TECNOCOL FLEX**	11
9th STEP: how to **repoint** properly:		
1st option.-inexpensive grouting:	**FIXCOLOR 0/4 or 4/16**	
2nd option.-grouting that is **water-repellent**, **flexible** and resistant to **weak acids**:	**JUNTATEC**	12
10th STEP: allow the shell **to dry for 5 - 7 days**, and enjoy your new pool in complete safety.		

FOR MORE INFORMATION PLEASE CONSULT THE RESPECTIVE TECHNICAL SPECIFICATIONS

INSTRUCTIONS FOR USE:

1

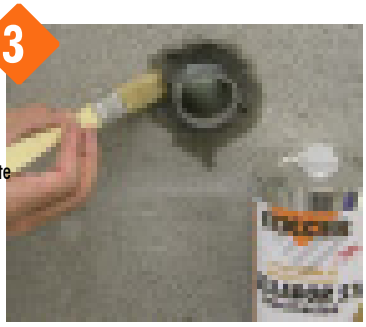
ESSENTIAL: prevent future leaks in wall-plinth joints with **FUGA-STOP 25x20mm**.

2

Before pouring the new concrete over the dry concrete, apply **BOND COAT**.

make the concrete plinth and let it dry

3



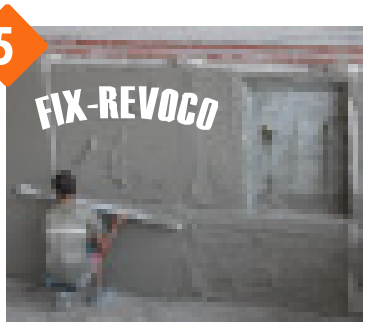
Seal all the plastic-concrete joints: apply **IMPRIMACION SELLADOR S10**.

4

allow to dry for 1-4 hours

Then apply the **SELLADOR S10** ultra-elastic filler.

5



WALLS: render the walls with the pool mortar: **FIX-REVOCO**.

6

PLINTH: first apply a bed of mortar made with 1 part portland + 1 part **PRIMFIX** latex...

7

... and without letting the bed dry, pour and level the **RECRECEM PRE-MIX** mortar.

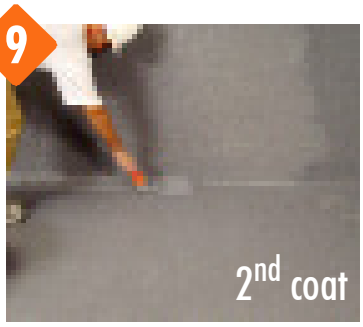
allow to dry for 24 hours.

8

WATERPROOFING: Apply a top coat of **HIDROELASTIC** super-elastic mortar.

allow to dry for 4-6 hours

9



WATERPROOFING: apply a second coat of **HIDROELASTIC**, using criss-cross strokes, over the first coat.

10

WATERTIGHTNESS TEST: for reasons of safety, now is the time to check the correct waterproofing of the pool.

empty the pool and leave to dry.

11

LAYING THE TILE: use **always** cement **TECNOCOL FLEX**. Make a **double application.**

allow to dry for 24-36 hours

12

REPOINTING: use **JUNTATEC**, and allow **THE ENTIRE SHELL to dry** for **5-7 days** before refilling the swimming-pool.

PRIVATE SWIMMING-POOL: how to avoid PROBLEMS

CONSTRUCTING A NEW PRIVATE SWIMMING-POOL		photo
1st STEP: how to avoid **future leaks** in the concrete (or Gunnite) wall-plinth bondings:	**FUGA-STOP 25x20mm**	1
2nd STEP: how to bond **new** concrete (or Gunnite) with **dried** concrete (or Gunnite):	**BOND COAT**	2
3rd STEP: how to avoid **leaks** in the **PVC wall-conduit:**	**SELLADOR S10**	3-4
4th STEP: how to do the mortar joints, rendering and plinths of the pool's structure:		
1.- apply a **Portland bonding**:	**PRIMFIX** +portland	5
2.- apply the **mortar:**	**FIX-REVOCO**	6
5th STEP: how to **waterproof** the pool's structure:		
a.- swimming pools on **stable** grounds:	**HIDROELASTIC** (easy to use and inexpensive)	7
b.- wimming pools on **flat roofs** or **unstable** ground:	**FIXAQUA FILM** (professional use more expensive)	7
6th STEP: how to **lay** erámica o mosaico vítreo...		
a.- ... on the **waterproofing:**	**TECNOCOL FLEX**	9
b.- ...directly on **mortar** or Gunnite:	**FIXSET**	9
7th STEP: how to **repoint** properly:		
1 option.- inexpensive repointing:	**FIXSET FLEX** or	9
2 option.- epointing that is **water-repellent, flexible** and resistant to **weak acids**:	**JUNTATEC**	10
8th STEP: allow the shell **to dry for 5 - 7 days**, and enjoy your new pool in complete safety.		

FOR MORE INFORMATION PLEASE CONSULT THE RESPECTIVE TECHNICAL SPECIFICATIONS

INSTRUCTIONS FOR USE:

1

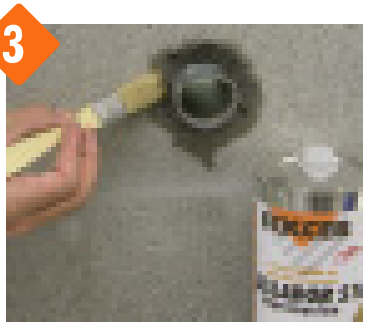
ESSENTIAL: prevent future leaks in wall-plinth joints with **FUGA-STOP 25x20mm**.

2

Before pouring the new concrete over the dry concrete, apply **BOND COAT**.

make the concrete plinth and let it dry

3



Seal all the plastic-concrete joints: **1-** apply **IMPRIMACION SELLADOR S10**.

4

allow to dry for 1-4 hours

Then apply the **SELLADOR S10** ultra-elastic filler.

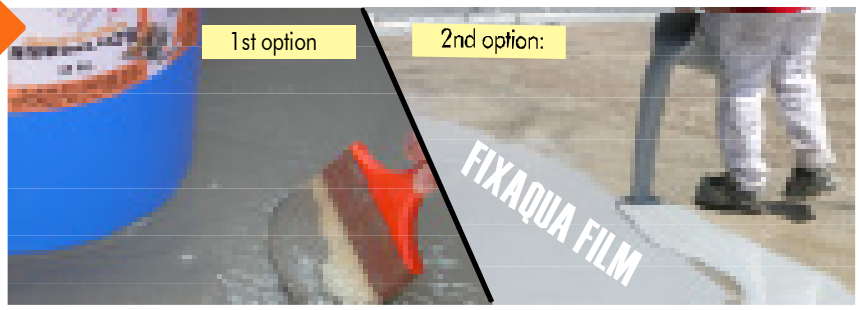
5

WALLS and PLINTH: Before rendering, apply a bed of mortar with 1 part Portland + 1 part **PRIMFIX.**

6

...then render the walls and plinth with the pool mortar: **FIX-REVOCO**.

7



WATERPROOFING:

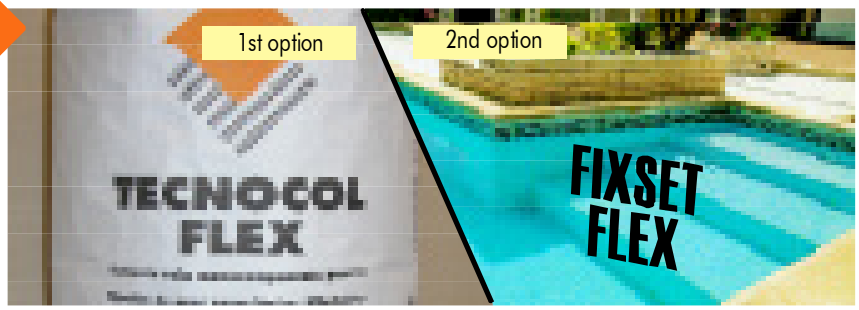
1st option: with **HIDROELASTIC** super-elastic mortar.

2nd option: with **FIXAQUA FILM** ultra-elastic polyurethane.

8

Allow to **DRY** for 24-36 hours.

9



LAYING THE TILE:

1st option: if the pool has been waterproofed, **always** use **TECNOCOL FLEX** cement. Make a **double application.**

2nd option: if the pool has NOT been waterproofed, use **FIXSET FLEX**.

allow to dry for 24-36 hours

10

REPOINTING: use **JUNTATEC**, and allow **THE ENTIRE SHELL to dry** for **5-7 days** before re-filling the swimming-pool.

REPAIRING POOLS with WATER LEAKS:

◆ RE-WATERPROOFING WITHOUT REMOVING THE OLD TILES		photo
1st STEP: carry out an **acid cleansing** with: 1 part **GRESNET** + 5 parts water:	**GRESNET**	1
2nd STEP: carry out an **alkaline cleansing** with: 1 part **FIX-SABO** + 20 parts water:	**FIX-SABO**	2
3rd STEP: rinse walls and floor with **clean water**.		3
4th STEP: ALLOW TO DRY COMPLETELY		4
5th STEP: grout with **FIXMAX S2** using a fine trowel. You must insert the **NET-MORTER 110** mesh. The final cement-mesh-cement thickness must not exceed 1 mm.	**FIXMAX S2**	5-8
6th STEP: allow the grouting **to dry**: **24 hours.**		9
7th STEP: how to **re-waterproof** the pool's structure:	**HIDROELASTIC** (easy to use and inexpensive)	10
8th STEP: lay the new glass mosaic or ceramic tiles with **TECNOCOL FLEX.** Use the double application technique and/or press the tiles firmly:	**TECNOCOL FLEX**	11
9th STEP: next, **repoint** the pool with a product that is **water-repellent, flexible** and resistant to **weak acids**:	**JUNTATEC**	12
10th STEP: allow **the shell to dry for 5 - 7 days** and enjoy your **new** pool again.		

FOR MORE INFORMATION PLEASE CONSULT THE RESPECTIVE TECHNICAL SPECIFICATIONS

INSTRUCTIONS FOR USE: STEPS TO FOLLOW

1

Carry out an **acid cleansing** with: 1 part **GRESNET** + 5 parts water.

2

Next, carry out an **alkaline cleansing** with: 1 part **FIX-SABO** + 20 parts water.

3

Then rinse walls and floor with plenty of clean **water**.

4

ALLOW TO DRY COMPLETELY FOR AS LONG AS NECESSARY.

5

Spread a fine coat of **FIXMAX S2** over the old tiles. Use the fine trowel...

6

...and while it is still fresh, insert the 10 mm x 10 mm **NET-MORTER 110** mesh...

7

... The mesh is placed on the entire surface of the pool (walls and bottom) and ...

8

... **immediately** spread another fine coat of **FIXMAX S2** until it is completely covered.

9

ALLOW THE CEMENT-MESH-CEMENT SHELL TO DRY FOR 24 HOURS.

10

WATERPROOFING: apply two coats of **HIDROELASTIC** with a fine trowel, roller or brush. Obtaining thicknesses of 1mm in each coat. Leave 4 hours between applying the 1st and 2nd coats.

allow to dry according to product

11

Always use **TECNOCOL FLEX** to lay **new** tiles onto the waterproofing. A **double gluing** application is necessary.

allow to dry for 4-12 hours

12

Finally, grout with **JUNTATEC**, and allow THE ENTIRE SHELL **to dry** for **5-7 days** before re-filling the swimming-pool.

MAINTENANCE PRODUCTS:

HOW TO CLEAN THE SWIMMING POOL AT THE END OF THE SEASON		page
1st STEP: cleaning the **coping** of the pool:	**FIX-RESTAURA**	41
2nd STEP: cleaning the **interior of the pool's structure**:	**GRESNET PLUS**	43

FIXCER

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FIXCOLOR 0/4

Coloured-cement mortar, for sealing 0 - 4 mm joints.

Preparing the joints:

- Make diagonal passes on the joints so that the **FIX-SPATULA** does not collide with the sides of the tiles.
- The ambient temperature must be between +5ºC and +35ºC.
- Allow 24 hours between laying the tiles and grouting.
- In summer, when it is very hot, the joints must be wetted with water before beginning to grout.

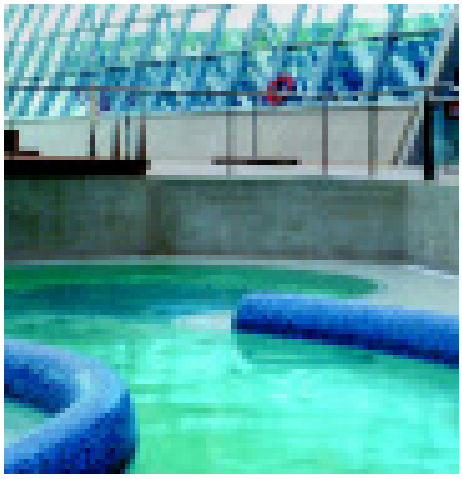
Preparing the mixture:

- Mix 7.0 l of water with 25 kg of **FIXCOLOR 0/4**, or mix 1.4 l of water with 5 kg of **FIXCOLOR 0/4**.
- Mix with an electric drill and mixing attachment.
- Mixing too quickly will cause bubbles to form in the surface of the joints.
- Mixing too slowly or by hand will cause the pigment which colours the paste to be badly distributed and the joint may discolour in the future.
- Mix well and allow the mixture to stand for 2 minutes.
- Then re-mix with the electric mixer.
- The paste is now ready for application.

WARNING

FIXCOLOR 0/4 must not be used:

- For joints resistant to acids (use **CERPOXI**).
- For dilation joints (use **SELLALASTIC**).
- Mixed with dirty water or lime (colour differences would appear in the joints).



Grouting glass mosaic tiles.

Use the rubber **FIX-SPATULA**.

Applying the mix:

- Fill the joints with the **FIX-SPATULA**.
- Make diagonal passes on the joints so that the **FIX-SPATULA** does not collide with the sides of the tiles.
- As you grout, all the excess is collected by the **FIX-SPATULA**.

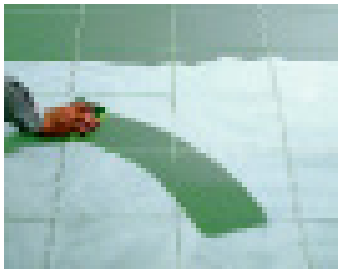
Cleaning:

- After 30 minutes, clean the tiles with the FIX-SPONGE or the **FIX-LLANA FOR CLEANING**, slightly dampened with water.
- If you use the **FIX-SPONGE**, it must NOT be wetted with water: it must only be dampened.
- The tools may be cleaned in the special **FIX-BUCKET**.
- Clean only once: further cleaning will only succeed in weakening the colour and the joint's resistance.

Use the **FIX-BUCKET** and the **FIX-SPONGE**.

Final cleaning:

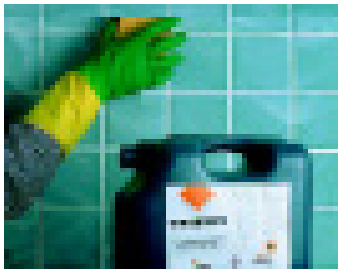
- The next day, remove the film of colour with a dry cloth.
- Nothing else need be used: neither water nor a scourer...only a dry cloth or sponge.



Carry out a dry cleansing.

Final cleaning on rough tiles:

- 7 days after grouting, remove the excess with 1 part **GRESNET** acid and 10 parts water.



If necessary, clean with **GRESNET**.

CONSUMPTION:

Size (mm)	Thickness (mm)	Joint (mm)	Yield (kg/m^2)
25x25	4	2	1.10
100x100	6	2	0.40
150x150	6	3	0.40
200x200	8	4	0.50

Inexpensive, long- lasting grouting.

FIXCOLOR 4/16

Coloured-cement mortar, for sealing 4 mm - 16 mm joints.

Preparing the joints:

- The joints must be clean and dust-free.
- The ambient temperature must be between +5ºC and +35ºC.
- Allow 24 hours between laying the tiles and grouting.
- In summer, when it is very hot, the joints must be wetted with water before beginning to grout.

Preparing the mixture:

- Mix 5.3 l of water with 25 kg of **FIXCOLOR 4/16**, or mix 1.0 l of water with 5 kg of **FIXCOLOR 4/16**.
- Mix with an electric drill and mixing attachment.
- Mixing too quickly will cause bubbles to form in the surface of the joints.
- Mixing too slowly or by hand will cause the pigment which colours the paste to be badly distributed and the joint may discolour in the future.
- Mix well and allow the mixture to stand for 2 minutes.
- Then re-mix with the electric mixer.
- The paste is now ready for application.

WARNING

FIXCOLOR 4/16 must not be used:

- For joints resistant to acids (use **CERPOXI**).
- For dilation joints (use **SELLALASTIC**).
- Mixed with dirty water or lime (colour differences would appear in the joints).

Sealing joints in swimming-pool beaches.

Use the rubber **FIX-SPATULA**.

Applying the mix:

- Fill the joints with the **FIX-SPATULA**.
- Make diagonal passes on the joints so that the **FIX-SPATULA** does not collide with the sides of the tiles.
- As you grout, all the excess is collected by the **FIX-SPATULA**.

Cleaning:

- After 30 minutes, clean the tiles with the **FIX-SPONGE** or the **FIX-LLANA FOR CLEANING**, slightly dampened with water.
- If you use the **FIX-SPONGE**, it must NOT be wetted with water: it must only be dampened.
- The tools may be cleaned in the special **FIX-BUCKET**.
- Clean only once: further cleaning will only succeed in weakening the colour and the joint's resistance.

Use the **FIX-BUCKET** and the **FIX-SPONGE**.

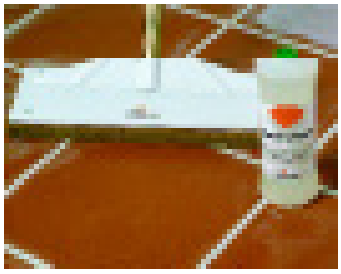
Final cleaning:

- The next day, remove the film of colour with a dry cloth.
- Nothing else need be used: neither water nor a scourer...only a dry cloth or sponge.

Carry out a dry cleansing.

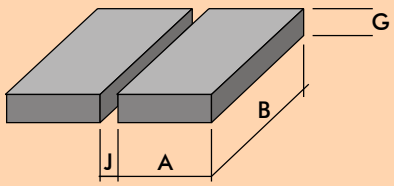
Final cleaning on rough tiles:

- 7 days after grouting, remove the excess with 1 part **GRESNET** acid and 10 parts water.



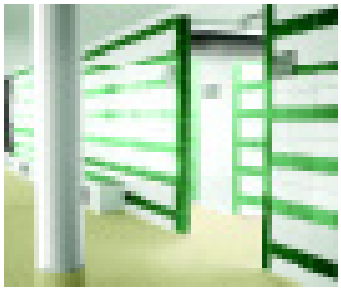
If necessary, clean with **GRESNET**.

CONSUMPTION: the following formula is used to find out the consumption:



$$\frac{A + B}{A \times B} \times J \times G \times 1{,}6 = kg./m^2$$

A, B, J, G in mm.



Inexpensive, long- lasting grouting.

JUNTATEC

Mortar for sealing joints of 0 to 16 mm. Resistant to chemical aggression and very resistant to high temperatures. Ideal for SWIMMING POOLS.

Preparing the joints:

- Make diagonal passes on the joints so that the **FIX-SPATULA** does not collide with the sides of the tiles.
- The ambient temperature must be between +5ºC and +30ºC.
- Allow 24 hours between laying the tiles and grouting.
- In summer, when it is very hot, the joints must be wetted with water before beginning to grout.

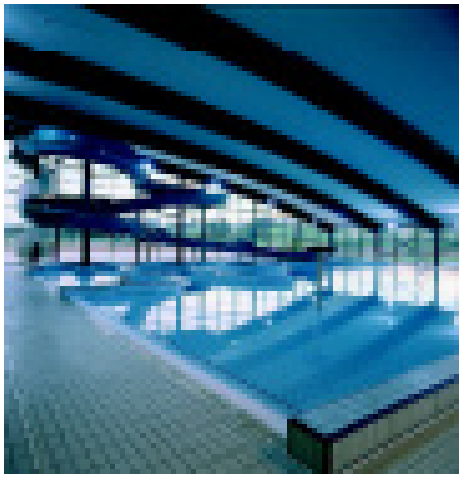
Preparing the mixture:

- Mix 5.75 l of water with 25 kg of **JUNTATEC**, or mix 2.3 l of water with 10 kg of **JUNTATEC**.
- Mix with an electric drill and mixing attachment.
- Mixing too quickly will cause bubbles to form in the surface of the joints.
- Mixing too slowly or by hand will cause the pigment which colours the paste to be badly distributed and the joint may discolour in the future.
- Mix well and allow the mixture to stand for 2 minutes.
- Then re-mix with the electric mixer.
- The paste is now ready for application.

WARNING

JUNTATEC must not be used:

- When MAXIMUM resistance to acids is necessary (use **CERPOXI**).
- For anti-acid dilation joints: use **SELLAFIX**.
- Mixed with dirty water or lime (colour differences would appear in the joints).



The best joint for swimming-pool structures.

Use the rubber **FIX-SPATULA**.

Applying the mix:

- Fill the joints with the **FIX-SPATULA**.
- Make diagonal passes on the joints so that the **FIX-SPATULA** does not collide with the sides of the tiles.
- As you grout, all the excess is collected by the **FIX-SPATULA**.

Cleaning:

- After 30 minutes, clean the tiles with the **FIX-SPONGE** or the **FIX-LLANA FOR CLEANING**, slightly dampened with water.
- If you use the **FIX-SPONGE**, it must NOT be wetted with water: it must only be dampened.
- The tools may be cleaned in the special **FIX-BUCKET**.
- Clean only once: further cleaning will only succeed in weakening the colour and the joint's resistance.

Use the **FIX-BUCKET** and the **FIX-SPONGE**.

Final cleaning:

- The next day, remove the film of colour with a dry cloth.
- Nothing else need be used: neither water nor a scourer...only a dry cloth or sponge.

Use the **FIX-TROWEL FOR CLEANING**.

Final cleaning on rough tiles:

- 7 days after grouting, remove the excess with 1 part **GRESNET** acid and 10 parts water.

If necessary, use **GRESNET**.

CONSUMPTION:

Size (mm)	Thickness (mm)	Joint (mm)	Yield (kg/m^2)
120x240	12	8	2.40
200x200	8	6	0.96
250x250	10	20	3.2
300x300	8	6	0.64

Hydro-repellent grouting in swimming-pools.

FIXSET FLEX

High-plasticity cementitious adhesive for laying and grouting glass mosaic tiles in swimming-pools.

Preparing the substrate:

- The substrate for laying the tiles must be mortar or Gunite.
- The substrate must be clean, resistant and solid.
- The ambient temperature must be between +5°C and +35°C.
- In summer, when it is very hot, the mortar substrate must be wetted with water before beginning to lay the tiles.

Preparing the mixture:

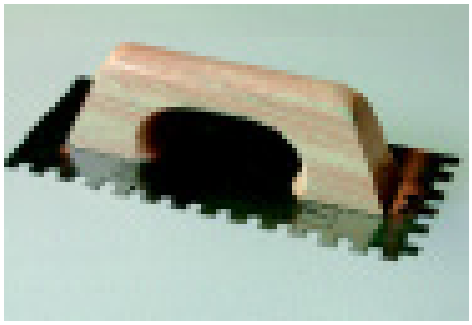
- Mix 5.8 l of water with 25 kg of **GREY FIXSET FLEX**, or mix 6.1 l of water with 25 kg of **WHITE FIXSET FLEX**.
- Mix slowly with an electric drill and a mixing attachment.
- Mixing too quickly will cause bubbles to form in the cement paste.
- Mixing by hand could cause a poor additive distribution, resulting in a lower-quality cementitious adhesive.
- Mix well and allow the mixture to stand for 2 minutes.
- Then re-mix with the electric mixer.
- The paste is now ready for application.

WARNING

FIXSET FLEX must not be used:

- By applying it in dabs: it must be applied with a notched trowel.
- On wood, metal or PVC use **ELASTICER**).
- On substrates subject to extreme vibrations.
- On **HIDROELASTIC** (use **TECNOCOL FLEX**).

FIXSET FLEX: suitable for floorings and facings.



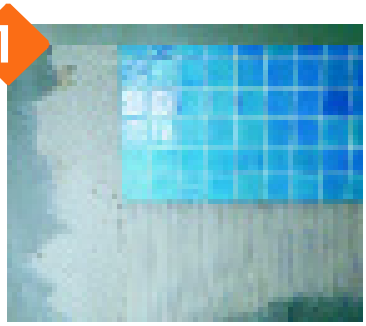
Use a notched trowel.

Applying the mix:

- Always use a **NOTCHED TROWEL**.
- For 30 cm x 30 cm tiles (for example), use a 10 cm x 10 cm notched trowel and for laying 2.5 cm x 2.5 cm glass mosaic tiles (for example), use one of 6 cm x 6 cm.
- Never wet the tiles.

INSTRUCTIONS FOR USE: LAYING GLASS MOSAIC TILES IN SWIMMING-POOLS

1



With a 6 mm notched trowel, spread the **FIXSET FLEX** onto the mortar support and position the mosaic tile.

next

2

Next firmly tap the mosaic with the **FIX-SPATULA**. When you do this,...

3

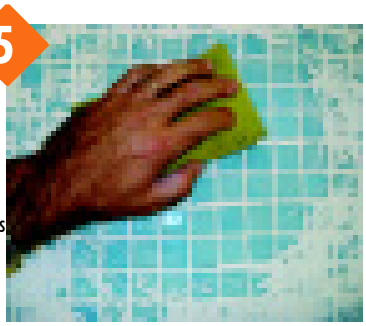
...the excess **FIXSET FLEX** will emerge from the joints and it will be used to grout the mosaic tile.

4

Again use the **FIX-SPATULA** to make diagonal passes on the joints.

allow to dry for 15-20 minutes

5



After 15-20 minutes, the whitish film may be cleaned with a little water and a sponge.

allow to dry for at least 7 days

6

The mosaic tile has been quickly laid and grouted with a single product: **FIXSET FLEX**.

CONSUMPTION:		
For laying and grouting glass mosaic tiles:		
Glass mosaic tiles up to 5 cm x 5 cm:	6 mm notched trowel.	approx. 3.4 kg./m^2

HIDROELASTIC

Mortar for waterproofing swimming-pools, tanks, ponds etc. ULTRA-ELASTIC mortar and safe.

Preparing the substrate:

- The ambient temperature must be between +5°C and +35°C.
- In general, all substrates must be free of dust, waxes, greases, oxides etc.
- **Previously wet** the mortar or concrete **substrate** with water, remove the excess and avoid puddles forming.

Preparing the mixture:

- **HIDROELASTIC is a pre-dosed product: do not add anything else.**
- Mix slowly with an electric drill and a mixing attachment.
- Mixing too quickly will cause bubbles to form in the cement paste.
- Mixing by hand could cause a poor additive distribution, resulting in a lower-quality cementitious adhesive.
- Mix well and allow the mixture to stand for 2 minutes.
- Then re-mix with the electric mixer.
- The paste is now ready for application.

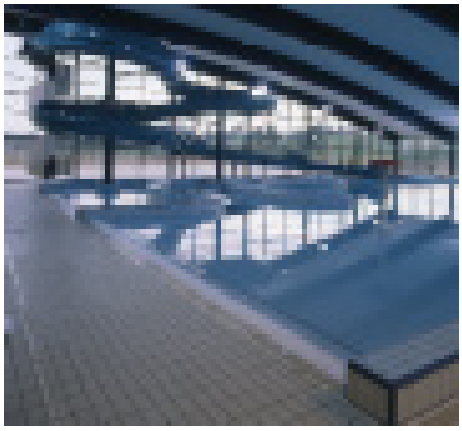
WATERPROOF GUARANTEE in SWIMMING-POOLS and TANKS

Whether a pool, tank, etc. is waterproof is the **SOLE RESPONSIBILITY** of its concrete structure. Its construction, stability, dimensions, the quality of the concrete, its placement, the formation of cracks, etc. are not the responsibility of waterproofing with **HIDROELASTIC**. **HIDROELASTIC** is fully compliant with the EN 14.891 standard and maintains its waterproofing properties at both low (-5°C) and very low (-20°C) temperatures in P0,75 mm fissures. These are the maximum water-tight sealing guarantees offered by HIDROELASTIC. Consequently, check first that the dimensional stability of the structure does not require a higher-grade performance.

WARNING

HIDROELASTIC must not be used:

- Under counterpressures (use **HIDROFIX**).
- Applied with thicknesses greater than 1 mm per layer.
- At temperatures below +5°C.
- Modifying the formula with sand, lime, cement etc.



Ideal for waterproofing swimming-pool structures, and pool beaches.

Can be applied by brush, roller, fine trowel or air-less.

INSTRUCTIONS FOR USE: STEPS TO FOLLOW

1

Place the **FUGA-STOP** in the centre of the working joint to be sealed, between the stays.

2

Rendering or plinths can be produced with **FIX-REVOCO** on concrete or Gunite with a thickness of up to 25 mm...

3

...protect the corners with the **FIX-BANDA** self-adhesive strip.

4

HIDROELASTIC is a pre-dosed product: do not add anything else. Mix slowly with an electric drill.

5

Make a 1st pass with a brush or or roller. Do not leave a thickness greater than 1 mm.

allow to dry for 4 hours

6

After 4 hours, apply a 2nd interweaving pass, completely covering the glass-fibre mesh.

allow to dry for 2 days

7

Once the waterproofing of the structure has been checked...

empty pool and let dry

8

...the **HIDROELASTIC** can be covered with ceramic tiles, always using **TECNOCOL FLEX**.

allow to dry for 24-36 hours

9

Last step: use **JUNTATEC** : mortar for sealing joints of 0 to 16 mm. Resistant to chemical aggression

CONSUMPTION:
1,25 kg./m^2 per 1 mm layer. (apply at least 2 layers)

TECNOCOL FLEX

MAXIMUM ADHERENCE flexible cementitious adhesive for laying glass mosaic or ceramic tiles on the waterproofing.

Preparing the substrate:

- The substrate where the tiles will be laid must be mortar, **HIDROFIX**, **HIDROELASTIC** or **FIXAQUA FILM**.
- The substrate must be clean, resistant and solid.
- The ambient temperature must be between +5°C and +35°C.
- Laying tiles is not recommended in summer and under strong exposure to the sun. We recommend working first thing in the morning or seeking good shade for the substrate.

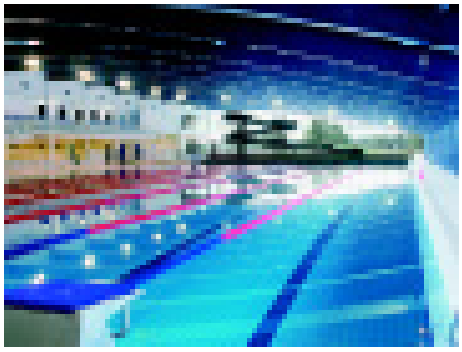
Preparing the mixture:

- Mix 5.2 l of water with 25 kg of **GREY RECNOCOL FLEX**, or mix 5.7 l of water with 25 kg of **WHITE TECNOCOL FLEX**.
- Mix slowly with an electric drill and a mixing attachment.
- Mixing too quickly will cause bubbles to form in the cement paste.
- Mixing by hand could cause a poor additive distribution, resulting in a lower-quality cementitious adhesive.
- Mix well and allow the mixture to stand for 2 minutes.
- Then re-mix with the electric mixer.
- The paste is now ready for application.
- **N. B.:** Do NOT add more water to the mix. Simply re-mix it.

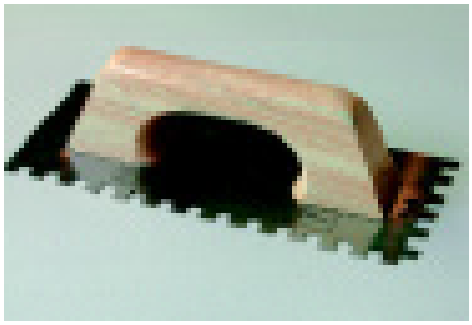
WARNING

TECNOCOL FLEX must not be used:

- To lay tiles on other types of waterproofing with first consulting the Technical Dept.
- In summer and outside, without using the double-application technique.



Ideal for laying tiles in swimming-pools.



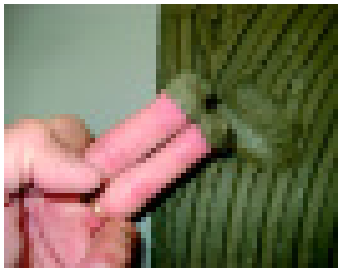
Use a notched trowel.

Applying the mix:

- Always use a **NOTCHED TROWEL**. Do not apply in "blobs".
- For a 30 cm x 30 cm ceramic tile, use a 10 mm x 10 mm notched trowel.
- Never wet the tiles.

How can I prevent a skin from forming on the surface?

- When the cementitious adhesive is spread out over a large area, the top layer may dry before the tiles have been laid.
- To avoid this, spread the mix in sections of approx. 2 m² and continuously use your fingers to check that the cementitious adhesive is still fresh.
- When a skin has formed on the surface, re-comb the cement.



Make sure that the adhesive stays fresh.

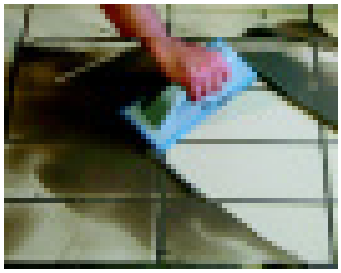
How can I make sure that the adhesive and the tile bond?

- Always apply pressure to the tile to ensure proper bonding between the cement and the tile.
- A good way to do this is to tap on the tiles with a rubber mallet.

Use a rubber mallet.

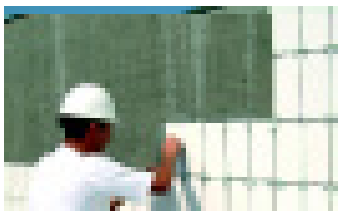
Sealing and grouting the tile:

- Tile joints can be grouted after 4 to 12 hours.
- In swimming-pools, we recommend using **FIXCOLOR 0/4 or 4/16 as an inexpensive grout, or the ideal joint: JUNTATEC**, a mortar that is hydro-repellent, flexible and resistant to the weak acids present in swimming-pools.



Grout the joints 4 hours after tiling.

CONSUMPTION:		
Mosaic tiles up to 5 cm x 5 cm:	3 mm notched trowel	approx. 2.4 kg./m²
Tiles up to 15 cm x 15 cm:	16 mm notched trowel	approx. 2.5-3.0 kg./m²
Large-size tiles:	10 mm notched trowel	approx. 4.0 kg./m²



Laying onto the waterproofing

FIXMAX S2

DEFORMABLE cementitious adhesive with MAXIMUM ADHERENCE: ideal for restoring old swimming-pools or swimming pools with leaks, by following the following process:

Preparing the substrate:

- In this case, **FIXMAX S 2** is part of a **construction process** aimed at restoring old swimming-pools or swimming-pools with leaks. Therefore **ALL** the steps in the process must be followed.
- The substrate will be old tiles which must be cleaned perfectly:
  - **1st STEP:** carry out an **acid cleansing** with:
    1 part **GRESNET** + 5 parts water.
  - **2nd STEP:** carry out an **alkaline cleansing** with:
    1 part **FIX-SABO** + 20 parts water.
  - **3rd STEP:** rinse walls and floor with **clean water**.
  - **4th STEP: ALLOW TO DRY COMPLETELY**

WARNING

FIXMAX S2 must not be used:

- For **DIRECTLY** laying new tiles onto old tiles in swimming-pools.
- In summer, under strong exposure to the sun: it is advisable to apply it first thing in the morning with cooler temperatures.

Preparing the mixture:

- Mix 6.0 l of water with 20 kg of **GREY FIXMAX S2**.
- Mix slowly with an electric drill and a mixing attachment.
- Mixing by hand could cause a poor additive distribution, resulting in a lower-quality cementitious adhesive.
- Mix well and allow the mixture to stand for 2 minutes.

Use the fine part of the metal trowel.

INSTRUCTIONS FOR USE: STEPS TO FOLLOW

1

Carry out an **acid cleansing** with: 1 part **GRESNET** + 5 parts water.

2

Next, carry out an **alkaline cleansing** with: 1 part **FIX-SABO** + 20 parts water.

3

rinse walls and floor with plenty of **clean water**.

4

ALLOW TO DRY COMPLETELY FOR AS LONG AS NECESSARY.

5

Spread a fine layer of **FIXMAX S 2** on the old tiles. Use the fine trowel,...

6

...and while it is still fresh, you must insert the 10 mm x 10 mm **NET-MORTER 110** mesh.

7

... The mesh is placed on the entire surface of the pool (walls and bottom) and ...

8

...immediately spread another fine layer of **FIXMAX S2** until it is completely covered.

9

ALLOW THE CEMENT-MESH-CEMENT SHELL TO DRY FOR 24 HOURS.

10

WATERPROOFING: HIDRO-ELASTIC is fully compliant with the **EN 14.891** standard and maintains its waterproofing properties at both low temperatures.

allow to dry according to product

11

TECNOCOL FLEX must be used to lay new tiles onto the waterproofing. A **double application** is necessary.

allow to dry for 4-12 hours

12

Finally, grout with **JUNTATEC** and allow **THE ENTIRE SHELL** to dry for 5-7 days before refilling the swimming-pool.

CONSUMPTION of FIXMAX S2:
1.8 - 2.0 kg./m^2 for a single layer of a maximum of 1 mm.

FIX-REVOCO

Pre-mixed mortar for RENDERING and making BOTTOMS in swimming-pools. It is a CONSTANT QUALITY mortar, when the application requires safety, durability and speed.

Substrates suitable to take FIX-REVOCO:

- Rendering or plinths can be produced with **FIX-REVOCO** on concrete or Gunite with a thickness of up to 25 mm.
- These substrates must be clean, resistant, solid, free of cracks etc.
- The ambient temperature must be between +5°C and +35°C.

Preparing the substrate:

If you are applying render in a swimming pool, and you have concerns about substrate absorption in these cases, then it is doubtlessly better to apply a first coat of **adhesive grout beforehand**:

- This prior **bonding paste** is prepared by mixing 1 part PRIMFIX liquid adhesive and 1 part Portland cement.
- Mix preferably with a an electric mixer.
- Apply the **bonding paste** with a brush, roller etc., continuously and uniformly.
- While the **bonding paste** is still damp, fill with **FIX-REVOCO**.

WARNING

- **FIX-REVOCO** must only be mixed with water. Do NOT add sand.
- Do not use **FIX-REVOCO** for other than the indicated uses.
- **FIX-REVOCO** is not a mortar for laying tiles.

Bonding paste: **PRIMFIX** + pure Portland.

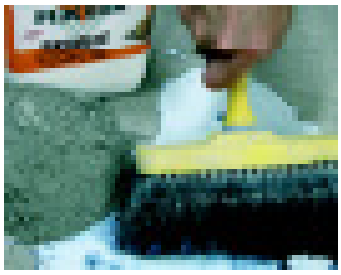
"Elastic" consistency mortar

Preparing the FIX-REVOCO mortar:

- Mix 2.5 l of water with 25 kg of **FIX-REVOCO**.
- Mix in a cement-mixer of with a mixer.
- Mix until the mortar has an elastic consistency and is pleasant to the touch. If necessary, add a little water, but never too much.

1st STEP: OPTIONAL

- Apply the **bonding paste** with a brush, roller or similar and while it is still damp, take the next step:



Bonding paste: **PRIMFIX** + Portland

2nd STEP: Spreading the mortar

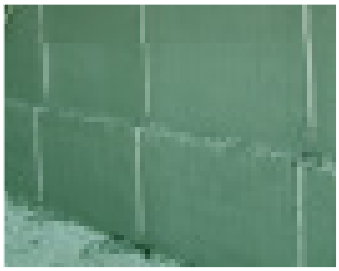
- Apply a first pass of **FIX-REVOCO** with the fine part of the trowel.
- Once the above fine layer has been spread, it only remains to fill the space between two guides and even it.

First apply a fine layer.

3rd STEP: Evening

- As if it were a normal mortar, even the surface in the traditional manner.

Use the normal tools.



Even between guides.

4th STEP (optional): Smoothing

- If you wish the **FIX-REVOCO** to be as fine as possible, it can easily be smoothed with a fine trowel.

If necessary, it can also be smoothed.

CONSUMPTION:	
Bonding paste (when necessary)	Portland: 0.2 kg./m^2 **PRIMFIX**: 0.2 l./m^2
FIX-REVOCO	15-18 kg./m^2 per cm of thickness (always depending on the degree of compacting)

Standard-quality renders.

RECRECEM PRE-MIX

Normal-setting, quick-drying, pre-mixed mortar for producing PLINTHS suitable for laying tiles in 24 hours. Ideal for SWIMMING POOLS.

Substrates suitable to take RECRECEM PRE-MIX:

- Plinths can be made with **RECRECEM PRE-MIX** on concrete structures, mortars etc.
- These substrates must be clean, resistant, solid, free of cracks etc.
- The ambient temperature must be between +5°C and +35°C.

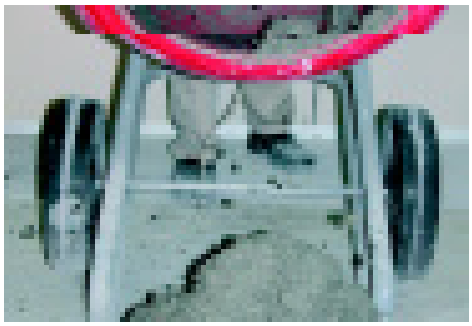
Preparing the substrate:

- Making a **PLINTH IN A SWIMMING-POOL** is not difficult, but it requires the application of a **bonding paste** on the concrete of the pool **beforehand**:
  - this bonding paste is made by mixing 1 part **PRIMFIX** liquid adhesive and 1 part pure Portland cement.
  - spread this paste with a brush, mop etc.
  - **DO NOT ALLOW IT TO DRY.**
  - on the fresh paste, pour the **RECRECEM PRE-MIX** already mixed with the necessary water.
  - even it and make the slopes.

WARNING

- **RECRECEM PRE-MIX** must only be mixed with water. Do NOT add sand.
- Do not make plinths with **RECRECEM PRE-MIX** without having first applied bonding paste.
- **RECRECEM PRE-MIX** is not a mortar for laying tiles.

Bonding paste: **PRIMFIX** + pure Portland.



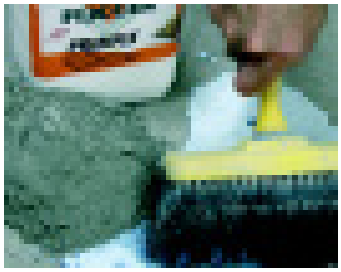
"Wet sand look" mortar

Preparing the mortar with RECRECEM PRE-MIX:

- Mix 2.5 l of water with each 25 kg of **Recrecem Pre-Mix**.
- Mix in a cement-mixer of with automatic pumping-transport equipment.
- Mix until the mortar has an appearance similar to "wet sand". If necessary, add a little water, but never too much.

1st STEP: Pour onto the FRESH paste

- The **RECRECEM PRE-MIX** must be poured directly onto the bonding paste while this is still fresh.



Pour directly onto the paste.

2nd STEP: Spreading the mortar

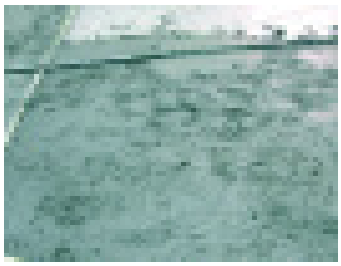
- Work **RECRECEM PRE-MIX** mortar in the same way as any other mortar: it must now be spread uniformly.

Spread uniformly between guides.

3rd STEP: Evening

- As if it were a normal mortar, even the surface in the traditional manner.

Use the normal tools.



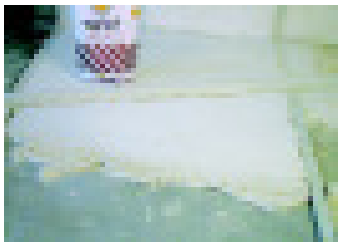
Even between guides.

4th STEP (optional): Smoothing

- If you want a finer surface, it can easily be smoothed with a fine trowel.

If necessary, it can also be smoothed.

CONSUMPTION:	
Bonding paste	Portland: 0.2 kg./m^2 **PRIMFIX**: 0.2 l./m^2
RECRECEM PRE-MIX	18-20 kg./m^2 per cm of thickness (always depending on the degree of compacting)



Standard-quality plinths.

FUGA-STOP 25x20mm

Hydro-expansive cord for waterproof sealing of construction joints in swimming-pools.

Where can FUGA-STOP be applied?

- **FUGA-STOP** can be applied in concrete structures.
- Concrete structures have working joints, construction joints, cold joints, concreting joints etc. They are all possible routes where water can filter.
- If **FUGA-STOP** is packed into the concrete, the water that filters through one of these joints will reach the **FUGA-STOP**, which will absorb the water and expand, closing the fissure and halting the progressive advance of the water.
- **FUGA-STOP** is a preventive product. It is NOT a product for repairing.

WARNING

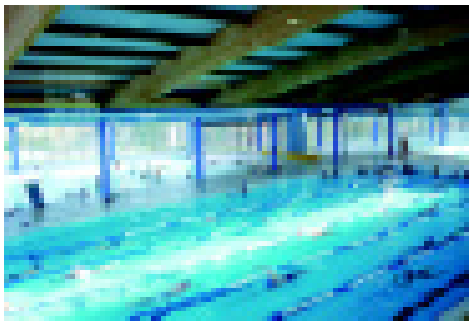
Do not use **FUGA-STOP**:

- In cracks in the concrete: it is not a filler for repairing. It is a preventive joint.
- In thin mortars.
- Without fulfilling all the technical requirements described below.

Requirements when applying FUGA-STOP:

- Position the **FUGA-STOP** ho5rizontally or vertically and fix it with nails.
- Pour the new concrete into the mould in such a way that the **FUGA-STOP** is completely surrounded by at least 7 cm of concrete.
- Concrete contains a lot of water. This water comes into contact with the **FUGA-STOP**, but in the first 48 hours of contact, the **FUGA-STOP** will not expand because its expansion is deliberately delayed.

Pack the **FGA-STOP** and pour concrete between the moulds.



FUGA-STOP is a guarantee of waterproofing.

How does FUGA-STOP work?

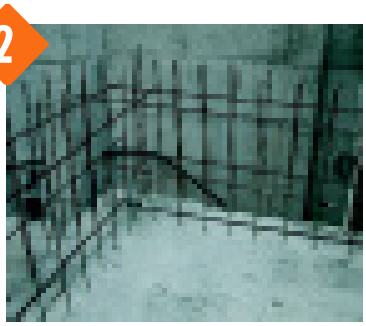
- **FUGA-STOP** expands only in the direction from which the water arrives. The rest of the **FUGA-STOP** does not react in case another fissure forms in the future and more water arrives.
- **Our competition's** hydro-expansive joints are different:they expand only once, and completely: when another fissure forms they cannot cut it off.

INSTRUCTIONS FOR APPLYING FUGA-STOP:

1

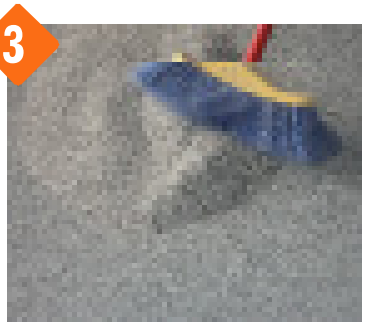
FUGA-STOP is supplied in 5 ml rolls: it only needs to be unrolled.

2



Place the **FUGA-STOP** in the centre of the working joint to be sealed, between the stays.

3

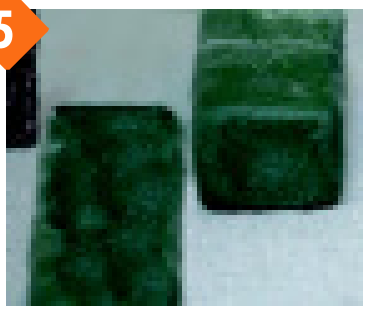


The substrate must be dust-free. Sweep it before starting to install.

4

Fix it with simple nails or with **MASTIC MS**. The aim is to prevent it from moving during the concreting.

5



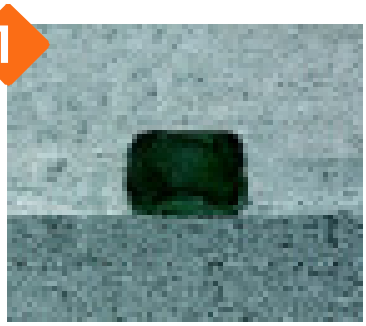
When a roll is finished, it can be overlapped with the next one by 3 cm.

6

Once concreted, there must be at least 7 cm of concrete around it.

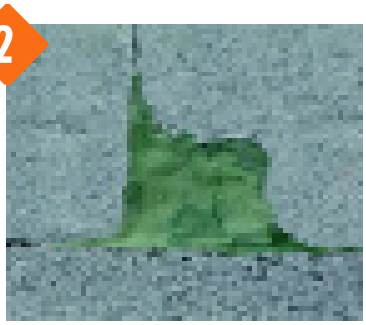
how does FUGA-STOP act compared with our competition?

1

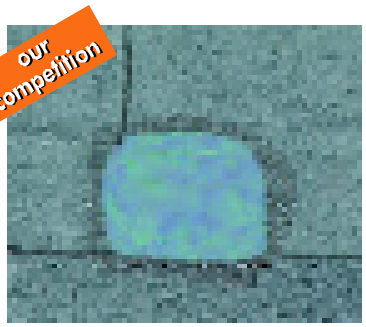


Once installed and concreted, the **FUGA-STOP** is in a latent state.

2



If the joint between the concrete structures opens, **FUGA-STOP** expands only in the direction of the leak.



The other joints expand in all directions, causing tensions in the concrete.

CONSUMPTION:

This is directly proportional to the number of linear metres to be sealed. We recommend adding a few metres more in case it is decided to make overlaps in the roll-to-roll join.

SELLADOR S10

Polyurethane filler of EXTRAORDINARY ELASTICITY: over 800%. Ideal for sealing PVC wall-boxes

Where and how can SELLADOR S 10 be applied?

- Dilation joints can be made with **SELLADOR S 10**.
- **Live cracks** in concrete can be sealed.
- PVC - concrete **wall boxes** can be sealed.
- The ambient temperature must be between +5°C and +40°C.

Preparing the join between the PVC and concrete:

4 basic steps must be respected:

- **1st STEP:**
  - use a hammer and scraper to open the entire area around the PVC pipe. Give it an inward "V" shape.
- **2nd STEP:**
  - in the PVC - concrete join there is a very absorbent element: the concrete. In order to block this absorption, prime the concrete with **IMPRIMACION SELLADOR S10.** Apply the product with a fine trowel, saturating the concrete 100%.
- **3rd STEP:**
  - allow the **IMPRIMACION** to dry from 1 to 4 hours.
- **4th STEP:**
  - apply the **SELLADOR S 10** filler, and make it penetrate deeply by pressing it with a spatula.

WARNING

- Do not use **SELLADOR S 10** on wet, dirty, greasy or oily substrates.
- Do not use **SELLADOR S 10** on gypsum panels.
- Do not use **SELLADOR S 10** when you need elasticity and resistance to acids (use **SELLAFIX**).

It is **ESSENTIAL** to prime well.

Use a special pistol for sausages.

what is SELLADOR S 10 like?

- **SELLADOR S10** is a product which comes ready-to-use. It is grey.
- **SELLADOR S10** is sold in 600 ml packets.
- **SELLADOR S10** must be applied with a specific pistol for these types of packing.

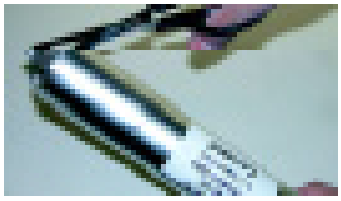
FIRST STEP:

- Once the area around the pipe has been opened in a "V" shape, prime 100% to saturation with **IMPRIMACION SELLADOR S 10**, using a brush.

Soak the concrete with IMPRIMACIÓN primer.

SECOND STEP:

- Allow the **IMPRIMACION SELLADOR S10** to dry for between 1 and 4 hours before applying the **SELLADOR S 10**.
- Cut the tip of the **SELLADOR S 10** packet with scissors.



Cut the "sausage" with scissors.

THIRD STEP:

- Pack the sausage into the pistol with the cut at the tip.
- Close the pistol with the threaded ring and plastic nozzle, and cut the nozzle diagonally.

Place the "sausage" in the pistol.

FOURTH STEP:

- Fill the whole area of the PVC pipe with **SELLADOR S 10**, and make the product penetrate deeply.

Make it penetrate deeply.

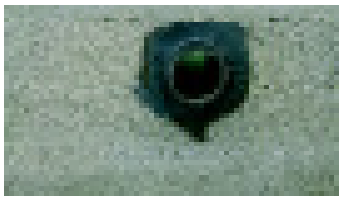
FIFTH STEP:

- Press the **SELLADOR S 10** with a spatula so that it bonds perfectly with the PVC and the concrete.
- Finally, smooth the entire surface.

Smooth the entire surface.

CONSUMPTION:

	For a pipe of diameter:			
	63 mm.	90 mm.	110 mm.	200 mm.
IMPRIMACION SELLADOR S10:	0.04 l	0.05 l	0.06 l	0.09 l
SELLADOR S10: no. of packets	0.4 units.	0.5 huts.	0.6 huts.	0.9 huts.



The finish is safe, flexible and waterproof.

PRIMFIX

Latex for producing bonding pastes, mortars and priming.

why and where to use PRIMFIX?

- With **PRIMFIX** there are many application possibilities:
  - it can be used to create **BONDING PASTES** between different mortars
  - by mixing it with sand and Portland, **FILLING MORTARS** can be made.
- With **PRIMFIX** you can increase: the adherence, flexibility, resistance to compression and flexion of the mortars and bonding pastes you make.

WARNING

PRIMFIX must not be used:

- At temperatures below +5ºC.
- Mixed with cementitious adhesives (use **ADIFLEX**).
- For applications other than those indicated.
- Diluting it more than indicated below.

Preparing the mixture:

- The quantity of **PRIMFIX** to use depends on the type of application you are doing. We recommend looking at the consumption table.
- Mix slowly with an electric drill and a mixing attachment.
- Mixing too quickly will cause bubbles to form in the cement paste.
- Mixing by hand could cause a poor latex distribution, resulting in a lower-quality cementitious adhesive.

With **PRIMFIX** you can prime absorbent surfaces.

It is available in 25 l and 5 l formats.

CONSUMPTION:	(approx. for each mm of mortar thickness).			
	PRIMFIX (l./m^2)	Water (l./m^2)	Portland (kg./m^2)	Sand (kg./m^2)
• Primer	0.05	---	---	---
• Bonding paste	0.20	---	0.20	---
• Fillings of 1 mm to 3 mm.	0.27	---	0.43	1.30
• Fillings of 3 mm to 30 mm..	0.09	0.18	0.36	1.45

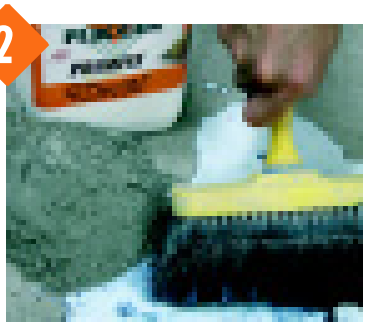
INSTRUCTIONS FOR USE: application as a BONDING PASTE

1

When you have filled with mortar on concrete, it must be SUITABLY bonded.

concrete of at least 28 days

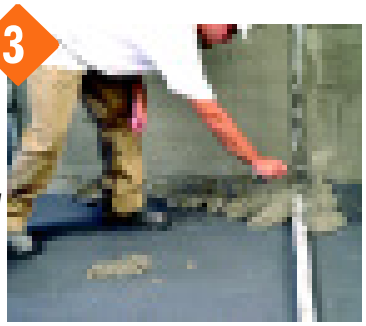
2



To do this, mix 1 part **PRIMFIX** with 1 part Portland and apply with a brush.

DO NOT ALLOW TO DRY

3



Immediately pour the filling mortar onto the paste and even it.

INSTRUCTIONS FOR USE: for making high-quality FILLING MORTARS

1

Choose the proportion of cement and sand according to the consumption table and the mortar to be made.

2

Following the consumption table, pour the necessary **PRIMFIX** and mix everything in the concrete mixer.

3

Pour the mortar onto the substrate and even and smooth it normally.

BOND COAT

HIGH adherence epoxy adhesive for BONDING fresh concrete of Gunite with dry concrete or Gunite.

when should BOND COAT be used?

- **BOND COAT** should be used in any of the following cases:
  - when you wish to bond today's **fresh concrete** with **concrete already set** from the day before or very old concrete.

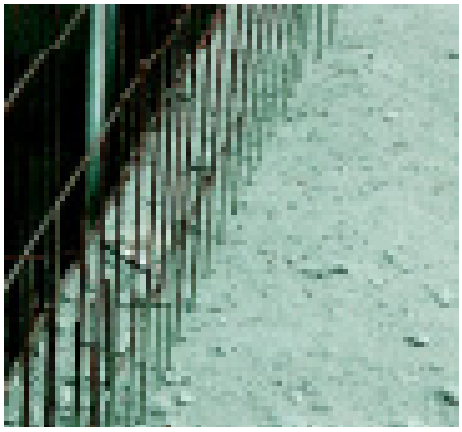
WARNING

BOND COAT must not be used:

- At temperatures that are not between +10ºC and +35ºC.
- On flooded surfaces.
- As a repair mortar.
- To lay tiles.

Preparing the mixture:

- **BOND COAT** is very easy to prepare because it is a pre-dosed product.
- Mix the paint slowly with an electric drill and a mixing attachment.
- Mixing too quickly will cause bubbles to form in the paste.



BOND COAT: ideal for bonding new concrete with dry concrete.

It is available in 5 kg format.

CONSUMPTION:		
For bonding concrete	depends on the porosity and evenness of the substrate	approx.0.1-0.15 kg./m^2

INSTRUCTIONS FOR USE: for bonding NEW CONCRETE with DRY CONCRETE

1

The new, fresh concrete does not stick to dry concrete: it must be primed with **BOND COAT**.

2

Once mixed, apply the **BOND COAT** onto the dry concrete with a brush, ...

at +20°C
let dry
3 hours

3

... and pour on the new concrete. The bond is perfect.

FIXAQUA FILM

Liquid polyurethane membrane for super-elastic waterproofing in situ and without overlaps, for swimming-pools, flat roofs etc. Ideal for unstable structures.

Preparing the substrate:

- Substrates must be free of dust, mould, paints, waxes etc.
- When waterproofing water tanks or swimming-pools, **ALWAYS** first apply a pass of **FIXAQUA PRIMER** before applying **FIXAQUA FILM**.
- On the swimming-pools dilation joints, first stick the **FIX-BANDA** self-adhesive strip or **FIX-TAPE 170mm** on either side of the joint.

Preparing the mixture:

- **FIXAQUA FILM** is a mono-component.
- Slowly with an electric mixer for 2-3 minutes.

Applying the mix:

- If you apply it with an airless sprayer, spread 2 or 3 uniform passes, allowing 6 hours between the passes.
- If applying by hand:
  apply 2 or 3 passes using a woollen roller.

WARNING

Do not use **FIXAQUA FILM**:

- In saunas or steam-baths (use **HIDROFIX**).
- In car-parks or where there is movement of trolleys, cars etc.
- In tanks with strong acids and alkalis.
- In swimming-pools without first applying **FIXAQUA PRIMER**.

Waterproofing on unstable ground.

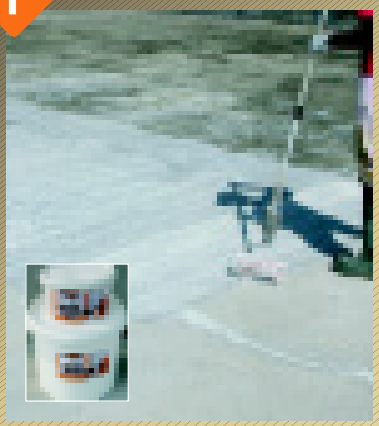
Use a woollen roller.

CONSUMPTION:	
FIXAQUA PRIMER	300 g./m^2 applied with long-bristle roller
FIXAQUA FILM	1.5 kg/m^2 to obtain an average thickness of 1.5 mm.

INSTRUCTIONS FOR USE:

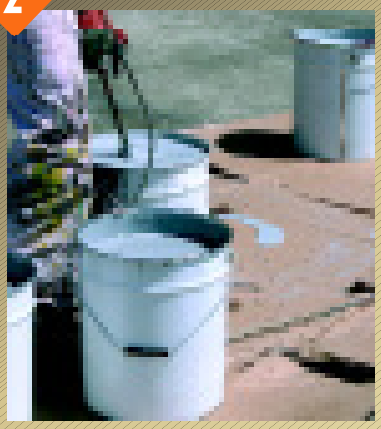
FIXCER

1



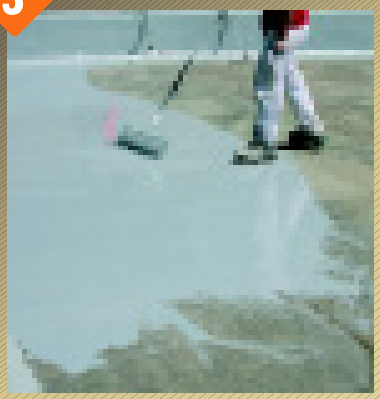
- First apply a pass of **FIXAQUA PRIMER.** Mix the two components and apply with a woollen roller. Allow to dry for 24 hours.

2



- **FIXAQUA FILM**: mix the polyurethane using a stirrer.

3



- **Application:** apply 2 or 3 passes using a woollen roller.

4

- Finally, lay the new tiles exclusively with **TECNOCOL FLEX.** The double application technique **must** be used.

FIX-SABO

Multi-use de-greasing bactericide ideal for alkaline cleaning jobs. Removes oil and grease stains.

what can I expect of FIX-SABO?

- **FIX-SABO** is a three-in-one:
  - it is a detergent
  - it is a de-greasing agent
  - it is a powerful bactericide
- With these features, it is ideal for cleaning human grease, organic waste etc. stuck to the tiles to be cleaned.
- **FIX-SABO** has the efficiency of a detergent and the power of bleach in a single product.

WARNING

- **FIX-SABO** must not be used to clean crockery.
- **FIX-SABO** is a detergent-disinfectant for facings and floorings.

CONSUMPTION:

Of **FIX-SABO**: 0.2 l./m^2
(depending on the degree of dirtiness and the number of applications)

INSTRUCTIONS FOR USE:

1

Mix the **FIX-SABO** with 20 parts water until a good foam is obtained.

2

Clean the tiles with Scotch-Brite or hard-bristle brushes and rinse with water.

3

Allow to dry completely before going on to the next step.

FIX-RESTAURA

VERY EFFICIENT cleaner of dirt and mould accumulated in the coping tiles of swimming-pools during the winter period.

what can I expect of FIX-RESTAURA?

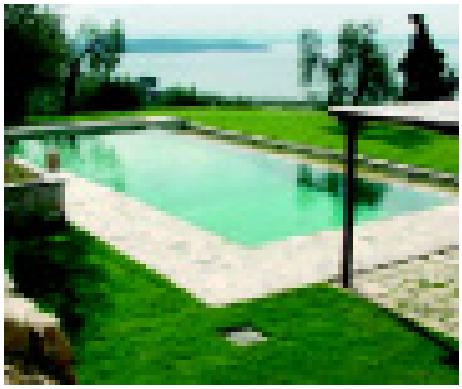
- **FIX-RESTAURA** has a "bathroom gel" appearance. This permits it to be applied horizontally or vertically without falling off.
- It is **NOT** aggressive, so it can be applied on natural or artificial stone.
- With **FIX-RESTAURA**, all the mould and dirt in general on the coping can be removed.
- With **FIX-RESTAURA**, the appearance of the original tile can be recovered **WITHOUT DAMAGING** the surface of the tile **IN ANY WAY**.

WARNING

- Do not dilute the product.
- Do not use on aluminium, wood or paintwork which you do not wish to remove.
- Without taking all personal precautions: gloves, protective glasses etc.

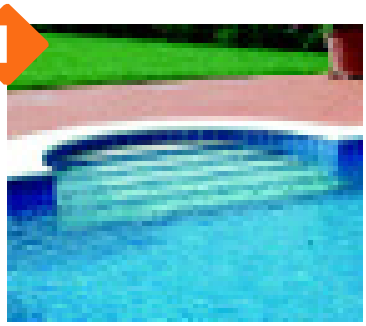
CONSUMPTION:

Of **FIX-RESTAURA**: 0.2 l./m^2
(depending on the degree of dirtiness and the number of applications)



INSTRUCTIONS FOR USE:

1

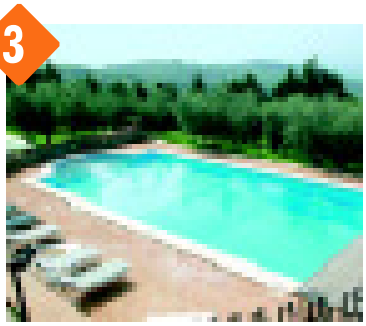


Ideal product for cleaning white coping tiles in swimming-pools or natural coping stones.

2

Apply with a brush and leave to act for between 15 minutes and 2 hours.

3



After 2 hours, rinse the coping with clean water and allow to dry.

GRESNET

Concentrated acid for removing excess cement, oxides, dirt etc., and ideal for opening pores.

what can I expect of GRESNET?

- **GRESNET** easily removes smears of excess cement, such as **FIXCOLOR**, **EUROCOLOR FLEX**, **JUNTATEC** etc.
- With **GRESNET**, you can clean swimming-pools, oxide stains, excess plaster, Portland, lime, cementitious adhesive etc.
- Before using **GRESNET**, first **protect all the surfaces or objects which could be damaged by splashes or acid vapours.**

WARNING

GRESNET must not be applied:

- On marble, calcareous stones or their derivatives.
- Without taking all possible personal precautions: gloves, protective glasses etc.

CONSUMPTION:

Of **GRESNET**: 0.05 l./m^2
(depending on the degree of dirtiness and the number of applications)

INSTRUCTIONS FOR USE:

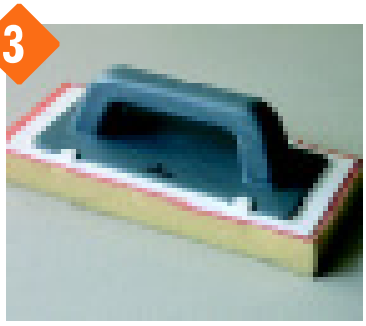
1

To do an acid cleaning of the swimming-pool, mix 1 part **GRESNET** with 5 parts water.

2

Apply the mix with a scourer or by spraying. In all cases, rub intensely. Then rinse everything with water.

3



Go over the tiles again with a sponge and allow to dry completely before going on to the next step.

GRESNET *PLUS*

Very concentrated acid for cleaning swimming-pools after the winter period.

what can I expect of GRESNET PLUS?

- **GRESNET PLUS** is a very strong acid suitable for cleaning the whitish efflorescence on exterior visible brick facades.
- **GRESNET PLUS** is more powerful than **GRESNET**. **GRESNET PLUS** reaches where **GRESNET** does not.
- Before using **GRESNET PLUS**, first **protect all the surfaces or objects which could be damaged by splashes or acid vapours.**

WARNING

GRESNET PLUS must not be applied:

- On marble, calcareous stones or their derivatives.
- Without taking all possible personal precautions: gloves, protective glasses etc.

CONSUMPTION:

Of **GRESNET PLUS**: 0.05 l./m^2
(depending on the degree of dirtiness and the number of applications)

INSTRUCTIONS FOR USE:

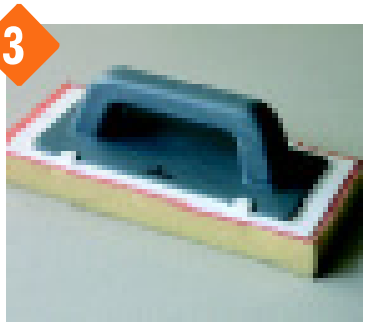
1

It is advisable to mix **GRESNET PLUS** with water for this type of application. Otherwise the effect will be very aggressive.

2

Apply the diluted **GRESNET PLUS** directly onto the mildew in the swimming-pool and rub with Scotch-Brite or similar.

3



Once clean, rinse with abundant water and go over the facing once again with a sponge.

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